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Public Document No. 23

SEVENTY-SEVENTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

WORCESTER STATE HOSPITAL,

AND

THIRTY-SECOND ANNUAL REPORT OF THE TRUSTEES

OF THE

WORCESTER STATE ASYLUM AT WORCESTER,

FOR THE

YEAR ENDING NOVEMBER 30, 1909.

BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
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OFFICERS OF THE HOSPITAL.

TRUSTEES.

THOMAS RUSSELL,	BOSTON.
CARRIE B. HARRINGTON,	WORCESTER.
FRANCES M. LINCOLN,	WORCESTER.
SAMUEL B. WOODWARD,	WORCESTER.
GEORGE F. BLAKE,	WORCESTER.
LYMAN A. ELY,	WORCESTER.
T. HOVEY GAGE,	WORCESTER.

RESIDENT OFFICERS.

HOSEA M. QUINBY, M.D.,	*Superintendent.*
THEODORE A. HOCH, M.D.,	*First Assistant Physician.*
RAY L. WHITNEY, M.D.,	*Assistant Physician.*
FLORENCE H. ABBOT, M.D.,	*Assistant Physician.*
WILLIAM M. DOBSON, M.D.,	*Assistant Physician.*
JOHN R. ROSS, M.D.,	*Assistant Physician.*
FRANK L. S. REYNOLDS, M.D.,	*Junior Assistant.*
GEORGE A. McIVER, M.D.,	*Junior Assistant.*
NELSON G. TRUEMAN, M.D.,	*Junior Assistant.*
IDA A. McNEIL,	*Superintendent of Nurses.*
LILA J. GORDON,	*Matron.*
JOSEPH T. REYNOLDS,	*Farmer.*

NONRESIDENT OFFICERS.

GEORGE E. PARESEAU,	*Druggist.*
ALBERT WOOD,	*Treasurer.*
GEORGE L. CLARK,	*Auditor.*
JESSIE M. D. HAMILTON,	*Clerk.*
JAMES DICKISON, JR.,	*Engineer.*

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester State Hospital respectfully submit their seventy-seventh annual report.

The reports of the superintendent and of the treasurer are annexed hereto, and contain, in detail, statements of the financial condition and of the work of the institution, of the training school for nurses, and of the changes in the staff of the institution.

The work authorized in 1908 has been carried to substantial completion, and the new ward for the treatment of excitable female patients is ready for use.

The trustees recommend most earnestly an appropriation of $77,000 for the building of a similar new ward, on the male side of the hospital, for the treatment of the violent insane, to accommodate 125 patients, with dining rooms for patients and attendants, and an appropriation of $7,000 for furnishing the same.

The trustees also recommend an appropriation of $10,000 for raising the roof of the Salisbury ward of the hospital, thereby giving accommodation for 21 additional patients, and rendering access more easy to the upper stories of the proposed new ward for excited male patients. Also an appropriation of $4,200 for elevators in connection with the completed ward and the proposed new ward.

The trustees again urgently recommend the purchase of the Putnam and Curtis tracts of land, adjoining the land of the hospital, as recommended in their last three annual reports. Every year makes the advisability of making this purchase more apparent, and adds to the danger that the land will be used for other purposes in such a way as to injure the institution. The

reasons for this purchase have been so abundantly set forth in the preceding reports of the trustees and the superintendent that they will not be repeated here. The Putnam tract is needed to protect the large investment that the State already has in this institution, and the Curtis tract can be immediately and profitably used for farming and gardening purposes, which will not only extend the usefulness of the institution in giving outdoor employment to the patients, but can be made to return a fair profit on the cost of the land to the State. We therefore repeat our recommendation for an appropriation of $18,000 for the purchase of these two tracts of land.

On Nov. 20, 1909, Mr. Henry R. Center, the steward of the hospital, died. He came to the hospital as steward on Oct. 17, 1899, and for ten years had been an efficient, capable and faithful servant of the institution, and will be much missed by all connected therewith. The trustees take this means of expressing their appreciation of the value of his services to the hospital, and through it to the State.

The superintendent, members of the staff and employees of the hospital have, as usual, earned the esteem and appreciation of the trustees by their faithful, able and devoted services to the institution.

Respectfully submitted,

THOMAS RUSSELL.
CARRIE B. HARRINGTON.
FRANCES M. LINCOLN.
SAMUEL B. WOODWARD.
GEORGE F. BLAKE.
LYMAN A. ELY.
T. HOVEY GAGE.

Nov. 30, 1909.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester State Hospital.

I herewith respectfully submit the following report of the hospital for the year ending Nov. 30, 1909, it being the seventy-seventh annual report.

There remained at the hospital Oct. 1, 1908, 1,216 patients, — 606 men and 610 women. During the year ending Sept. 30, 1909, there were admitted 590 patients, — 291 men and 299 women. Five hundred and twenty-one patients — 239 men and 282 women — were dismissed from the hospital. Of this number, 199 patients — 92 men and 107 women — were discharged; 173 patients — 96 men and 77 women — died; 78 patients — 16 men and 62 women — were transferred; and 71 patients — 35 men and 36 women — left on visit or escape, leaving at the end of the statistical year, 1,285 patients — 658 men and 627 women. Of this number, 1,024 were supported by the State, 157 by friends and 104 as reimbursing patients. Of the 277 patients discharged and transferred, 59 (including 10 habitual drunkards, women) were reported recovered, 53 capable of self-support, 31 improved and 131 not improved. Three were discharged not insane. Thirty-five women were transferred by the State Board of Insanity to the State Infirmary, Tewksbury, 10 men and 10 women to the Gardner State Colony, 1 man and 5 women to the Monson State Hospital, 3 men and 2 women to the Westborough State Hospital, 1 woman to the Worcester State Asylum, 1 woman to the Taunton State Hospital, 1 woman to Herbert Hall, and 1 man to the Boston State Hospital. Twenty-four men and 20 women were removed from the State, and 1 man and 7 women were boarded out.

There remained at the end of the year 69 patients more than at the beginning. The smallest number under treatment on any

one day was 1,199, and the largest, 1,285. The daily average number was 1,232.45.

The percentage of recoveries, calculated upon the number of discharges and deaths, was 15.8; calculated upon the number of admissions it was 10.

The death-rate was 9.5 calculated on the whole number of patients under treatment, and 14 calculated on the daily average number.

During the year the general health of both patients and employees has been good. One patient and several nurses had a mild attack of diphtheria, but no serious epidemic followed.

Our death-rate has been higher this year than for several years, an unusual number of general paralytics and senile cases having died during the year, while we have received an unusually large number who were enfeebled on account of physical disease and who died within the first two weeks of hospital residence.

The training school is in a prosperous condition. Thirteen nurses will be graduated in December, and there are 45 nurses in the junior class. Most of our last year's graduates are taking post-graduate work in other hospitals. One graduate has returned to the institution after taking a post-graduate course in a general hospital and is acting as supervisor.

We have completed during the year a new ward for women, designed for recent and acute cases and for those of our patients who need special care and oversight. The building is 104 feet long by 44 feet wide, and three stories high, with a flat roof. It is joined to the extreme end of the main building, with its long axis running north and south. It is divided by a corridor 8 feet wide running the length of the building. Beginning at the south end of the corridor there is on the inner side, or the side facing the old wards, a large service room for preparing hot packs, drying blankets, etc., a toilet room, an iron staircase, enclosing an elevator well, running from the basement to the roof, and a veranda. On the opposite side there are on each of the two lower floors two dormitories, designed for eight beds each, with a bath room between of sufficient size to accommodate four bath tubs for continuous baths. Next to these three rooms is an ample clothes room, and next to this is

a room which may be used either as a day room or a dormitory, as our necessities may indicate. The north end of the corridor opens upon a second and larger veranda, which with the one upon the opposite side will furnish ample facilities for getting patients out of doors.

Dining-room facilities for this building have been provided by taking a portion of the portico and one room at the end of the old building and making the necessary alterations therein.

The roof of this building is designed for the use of those of our patients who are suffering from phthisis. It is surrounded by a parapet wall, and in place of the usual tar and gravel roof has a covering of concrete. It is provided with a serving room, a toilet room and dressing room, and is reached by the iron stairs and elevator already mentioned. The work here is not as yet wholly completed, but it is designed to enclose the entire roof with a covered colonnade 10 feet wide, screened in front with a heavy wire grill. This will not only make it secure, but will provide protection from rain, and, what is quite as essential on many days in the warmer months, from the heat and glare of the sun. We shall thus be able to provide an out-of-door ward for from 25 to 30 patients, and with the facilities here placed at the patients' disposal there should be only a very few days in the year when they cannot enjoy its use.

The alterations in our old coal pocket, designed to provide a bath house for patients, a gymnasium and additional work rooms, are nearly completed. Three years have elapsed since we asked for and were granted an appropriation for this work, and it may seem that there has been an unwarranted delay in carrying it on and completing it; but the work has been done almost entirely by patients, and has been purposely held back as it furnished an opportunity for providing patients employment when they could not be employed out of doors.

Besides routine repairs, we have painted our farm barns, put in a new tubular boiler at our farmhouse for heating, and installed electric lights on the main avenue to the hospital. At the same time we have carried forward the improvements begun on the avenue last year, — setting stone curbing, laying gutters, putting in the foundation for a granolithic walk, and removing the old gateway at the entrance to our grounds, replacing it with

one of cut stone, and more in keeping with the place. All this work upon our avenue has been done at very little expense to the hospital, except for bare material, — the getting out and cutting of the curbing, the laying of the gutters, the cutting of the stone piers, and the other stone work necessary for the new gateway being done entirely by patients.

Many other improvements of a similar nature have been carried on by patients during the year about the grounds; clearing up waste land, building roads, and getting out and preparing stone to macadamize those already built.

Plans for a ward on the men's side of the house, similar to that just completed for our women, have been prepared and submitted to the Board of Insanity, and have received their approval. It is proposed to locate this building at the end of the Salisbury wards, and as the hill here slopes away rapidly, the building will of necessity be four instead of three stories high. In the first or basement story it is designed to fit up two dining rooms, a congregate dining room for our Salisbury ward patients, and a dining room for our male attendants, the need of both of which has long been felt.

Our male attendants are now obliged to eat upon the ward with their patients, an arrangement which is obviously neither for the good of the attendant nor the patient. The latter fails to get the attention he should have at meal time, while the former, aside from the many other disadvantages which such an arrangement entails, finds his hours on duty unduly lengthened thereby. We have long recognized these unsatisfactory conditions, but have hitherto been unable to rectify them on account of our inability to find any place in the present building where we could conveniently and satisfactorily provide a dining room for the male attendants.

The estimated cost of this building, designed to accommodate 100 patients, together with an open-air ward for 25 consumptives, and a congregate dining room for 125 patients and 80 attendants, is $77,000. The estimated cost of furnishing is $7,000. An elevator should be provided for this building and for the ward just completed, and for this an appropriation of $4,200 will be needed.

All our old buildings are four stories high, except the extreme

wings, and the addition of the new wards makes it desirable that these wings should also conform in height to the other wards. This would greatly add to our convenience, and could be readily accomplished by raising the roof of the Salisbury ward. It would give us another ward and an added opportunity for classification, the necessity for which we are coming to feel more and more every year, as our quieter patients are weeded out for transfer to other institutions and our large wards are filled with the more turbulent class. It is a change which must come sooner or later, as a matter of convenience, and it can be done best and cheapest in connection with the new work. Now a patient going from the upper wards to the roof of the new building will first have to be taken down one flight and then up. As the State is obliged to provide for additional patients it would seem that this might well be done in connection with the existing institution, provided it can be done as cheaply and satisfactorily there as elsewhere. This would provide for 21 additional patients at an estimated cost of $10,000.

As to the two tracts of land adjoining the hospital property, — the Curtis land on the east and the Putnam land on the west, — the purchase of which has been urged in former reports, I can only repeat that this land is necessary not only for the protection of the hospital but for properly carrying on the work of the institution, and if bought could at once be made to return to the State a fair interest on the purchase price. If not bought by the hospital this year, I am assured that our option upon this land will be withdrawn, and that the more desirable portions of both tracts will be cut up into house lots and placed upon the market.

In the death of our steward, Mr. Henry R. Center, which occurred suddenly on Nov. 20, 1909, while he was on his way home from his vacation, the hospital has lost a most faithful and efficient officer. He was ever on the alert to thoroughly inform himself upon all matters pertaining to his department, and was painstaking, methodical and untiring in all his work. Throughout his long service he served the institution with unquestioned integrity and absolute fidelity.

The following changes have occurred in our staff during the past year: Dr. Freeman A. Tower resigned June 12, 1909,

to accept the position of superintendent of Burbank Hospital, Fitchburg. Dr. Mason W. H. Pitman left June 23, 1909, to take a position in the Maine Insane Hospital at Augusta. Dr. Percy L. Dodge left April 12, 1909, to go to the King's Park State Hospital, N. Y., and F. G. Campbell left Sept. 11, 1909.

Dr. Tower had been connected with the hospital five years as interne, junior assistant and senior assistant physician, and finally as pathologist, and had given the institution faithful, untiring and valuable service, and in giving up his work here for new and wider fields of usefulness he carries with him the best wishes of all with whom he was here associated for his future success.

The following appointments were made: Dr. William M. Dobson was appointed senior assistant physician Jan. 4, 1909, having completed an eighteen months' service at the State Hospital, Tewksbury. Frank L. S. Reynolds was appointed junior assistant June 3, 1909. Dr. John R. Ross was appointed senior assistant physician Aug. 2, 1909. He was formerly at the King's Park State Hospital, N. Y. Dr. George A. McIver was appointed junior assistant physician Nov. 8, 1909, and Dr. Nelson G. Trueman was appointed Nov. 10, 1909. Both men had had previous hospital training.

Dr. Samuel T. Orton has been appointed pathologist. A graduate of the Ohio University, the University of Pennsylvania and of Harvard, he comes to us after an eighteen months' service in the pathological department at the Boston City Hospital, under Dr. Mallory, and a two years' service as pathologist at the Columbus State Hospital, and at the St. Anns Hospital Laboratory at Anaconda, Montana.

We wish to thank the proprietors of the "Worcester Evening Gazette" and the "Fitchburg Sentinel" for copies of their papers, and the Worcester Employment Society for their valuable assistance in sewing.

H. M. QUINBY, M.D.,
Superintendent.

Nov. 30, 1909.

PRODUCTS OF THE FARM

On Hand Dec. 1, 1909, and not delivered at the Hospital.

Beets, bushels,	768	Leeks, bushels,	25
Cabbage, tons,	11.825	Mangel-wurzels, bushels,	1,200
Carrots, bushels,	508	Parsnips, bushels,	400
Celery, boxes,	491.66	Turnips, barrels,	170

FARM ACCOUNT.

Dr.

Bread,	$398 47
Butter,	1,297 09
Blacksmith and supplies,	495 17
Carriage and wagon repairs,	562 72
Current expenses,	1,555 26
Fertilizer,	663 38
Fish,	269 48
Fuel,	591 75
Furnishings,	198 89
Groceries, etc.,	3,181 30
Harness and repairs,	364 22
Hay, grain, etc.,	10,717 09
Ice,	208 91
Lights,	11 70
Live stock: —	
Cows,	1,807 50
Pigs,	248 50
Horses,	433 50
Meats,	2,066 79
Milk,	949 00
Repairs,	3,216 61
Seeds,	60 80
Sugar,	436 17
Tools,	338 41
Wages,	13,493 32
	$43,566 03

Cr.

Apples, 1,637.5 barrels,	$4,912 50
Asparagus, 7 boxes,	29 75
Beans, lima, 100.5 bushels,	150 75
Beans, shell, 32 bushels,	40 00
Beans, string, 125.5 bushels,	125 50
Beef, 30 sides, 8,290 pounds,	580 30
Beets, 339 bushels,	169 50
Blackberries, 358 quarts,	35 80
Cabbage, 21.5175 tons,	430 35
Carrots, 172 bushels,	103 20
Cauliflower, 8 boxes,	8 00
Celery, 1,473.5 boxes,	1,252 48
Cider, 2,700 gallons,	270 00
Citron, 269 pounds,	2 69
Corn, green, 1,123.5 bushels,	842 63
Cucumbers, 41.25 boxes,	82 50
Cucumbers, pickles, 316 pecks,	126 40
Currants, 176 quarts,	19 36
Egg plant, 2.33 barrels,	4 66
Feed: —	
Bran, .1 ton,	3 00
Hay, 23.93 tons,	430 74
Grain bags, sold, 950,	19 00
Lettuce, 463 boxes,	347 25
Leeks, 84 bushels,	29 40
Manure, 10.5 cords,	63 00
Milk, 317,829 quarts,	15,891 45
Oats, 961 bushels,	582 59
Onions, 962.5 bushels,	824 08
Old wagon frame sold,	4 00
Old iron sold,	12 00
Parsley, 2.06 bushels,	1 03
Parsnips, 288.5 bushels,	216 38
Pears, 11 bushels,	11 00
Pears, green, 244 bushels,	244 00
Peppers, 1.5 bushels,	1 13
Plants sold, 2,550,	25 50
Pork, 24,670.5 pounds,	1,973 64
Radishes, 85 dozen bunches,	21 25
Rhubarb, 15,805 pounds,	316 10
Rowen rye, 6 tons,	72 00
Amount carried forward,	$30,274 91

Amount brought forward,	$30,274 91
Squash, summer, 21.70 barrels,	21 70
Squash, winter, 44.725 tons,	1,341 75
Sand, 122 yards,	152 50
Scullions, 27.5 bushels,	13 75
Spinach, 223.5 bushels,	89 40
Strawberries, 7,151 quarts,	572 08
Straw, oat, 81.56 tons,	1,027 21
Straw, rye, 1.5 tons,	36 00
Swill, 7 lots,	84 00
Tomatoes, 472.5 bushels,	354 38
Tomatoes, green, 39 bushels,	19 50
Turnips, 129.7 barrels,	162 12
Veal, 59 pounds,	6 49
Wood, 1 cord,	4 50
Wooden cases sold, 32,	10 75
Live stock: —	
Calves, 44,	138 50
Cows, 1,	7 00
Pigs, 23,	115 50
Hides sold, 18,952.5 pounds,	107 84
Skins, calf, sold, 5,	4 00
Team labor, 1,035 days,	4,140 00
Patients' labor, 2,722 days,	2,722 00
Attendants' labor, 1,500 days,	2,231 00
	$43,636 88

OFFICERS AND THEIR SALARIES.

Residents.

Superintendent (per annum),	$3,000 00
First assistant physician (per annum),	1,500 00
Assistant physician (per annum), 4, at	1,000 00
Assistant physician (per annum), 4, at	400 00
Pathologist (per annum),	2,000 00
Superintendent of nurses (per annum),	900 00
Steward (per annum),	1,200 00
Matron (per annum),	800 00
Farmer (per month),	75 00

Nonresidents.

Druggist (per week),	$16 00
Treasurer (per annum),	500 00
Auditor (per annum),	75 00
Clerk (per month),	75 00
Engineer (per week),	25 00

VALUATION OF PERSONAL ESTATE.

Nov. 30, 1909.

Provisions and groceries,	$17,732 25
Ready-made clothing,	3,158 85
Dry goods: —	
For clothing,	803 91
For bedding, etc.,	1,128 37
Furnishings: —	
Beds and bedding in inmates' department,	34,062 50
Other furnishings in inmates' department,	22,112 50
Personal property of State in superintendent's department,	14,078 40
All other property,	26,502 58
Heat, light and power: —	
Fuel,	4,731 24
All other property,	14 80
Repairs and improvements: —	
Machinery and mechanical fixtures,	48,215 09
All other property,	1,524 00
Farm, stable and grounds: —	
Live stock on the farm,	22,450 00
Produce of the farm on hand,	2,169 47
Carriages and agricultural implements,	7,870 00
All other property,	4,860 52
Miscellaneous: —	
Drugs and medicines,	785 73
Tobacco,	165 52
Library,	5,640 68
Other supplies undistributed,	8,191 00
	$226,197 41

TREASURER'S REPORT.

To the Trustees of the Worcester State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1909: —

CASH ACCOUNT.

Balance Dec. 1, 1908,			$4,327 03
Receipts.			
Institution Receipts.			
Board of inmates: —			
Private,	$43,825 43		
Reimbursements,	16,783 94		
Cities and towns,	1,523 54		
		$62,132 91	
Sales: —			
Food,	$1,327 42		
Clothing and materials,	760 01		
Furnishings,	2 65		
Heat, light and power,	10 20		
Repairs and improvements,	102 78		
Miscellaneous,	333 76		
		2,536 82	
Farm, stable and grounds: —			
Cows and calves,	$145 50		
Pigs and hogs,	148 55		
Hides,	97 48		
Vegetables,	50		
Sundries,	150 00		
		542 03	
Miscellaneous receipts: —			
Interest on bank balances,	$353 33		
Rent,	420 00		
Sundries,	9 86		
		783 19	
			65,994 95
Receipts from Treasury of Commonwealth.			
Maintenance appropriations: —			
Balance of 1908,		$19,241 73	
Advance money,		12,000 00	
Approved schedules of 1909,		266,928 69	
			298,170 42
Special appropriations,			57,080 54
Total,			$425,572 94

Payments.

To treasury of Commonwealth, institution receipts,	$65,994 95	
Maintenance appropriations : —		
Balance November schedule, 1908,	23,568 76	
Eleven months' schedules, 1909,	266,928 69	
November advances,	3,403 72	
		$359,896 12
Special appropriations : —		
Approved schedules,		57,080 54
Balance Nov. 30, 1909 : —		
In bank,	$7,855 42	
In office,	740 86	
		8,596 28
Total,		$425,572 94

MAINTENANCE.

Appropriation,	$298,612 00
Expenses (as analyzed below),	296,744 81
Balance reverting to treasury of Commonwealth,	$1,867 19

Analysis of Expenses.

Salaries, wages and labor : —		
General administration,	$26,895 21	
Medical service,	11,115 61	
Ward service (male),	19,690 87	
Ward service (female),	20,052 98	
Repairs and improvements,	14,803 84	
Farm, stable and grounds,	15,296 54	
		$107,855 05
Food : —		
Butter,	$14,614 61	
Beans,	1,136 40	
Bread and crackers,	457 55	
Cereals, rice, meal, etc.,	2,051 57	
Cheese,	857 12	
Eggs,	5,512 90	
Flour,	10,043 74	
Fish,	3,488 06	
Fruit (dried and fresh),	2,707 41	
Meats,	22,180 12	
Milk,	5,140 64	
Molasses and syrup,	523 74	
Sugar,	5,780 07	
Tea, coffee, broma and cocoa,	1,601 60	
Vegetables,	4,963 47	
Sundries,	3,007 20	
		84,066 20
Clothing and materials : —		
Boots, shoes and rubbers,	$2,287 52	
Clothing,	4,160 30	
Amounts carried forward,	$6,447 82	$191,921 25

Amounts brought forward,	$6,447 82	$191,921 25
Clothing and materials — *Con.*		
Dry goods for clothing and small wares,	3,083 32	
Furnishing goods,	2,829 02	
Hats and caps,	166 19	
Leather and shoe findings,	48 05	
Sundries,	84 65	
		12,659 05
Furnishings : —		
Beds, bedding, table linen, etc.,	$7,221 43	
Brushes, brooms,	621 05	
Carpets, rugs, etc.,	480 45	
Crockery, glassware, cutlery, etc.,	940 33	
Furniture and upholstery,	1,062 90	
Kitchen furnishings,	248 97	
Wooden ware, buckets, pails, etc.,	142 22	
Sundries,	724 91	
		11,442 26
Heat, light and power : —		
Coal,	$19,125 18	
Gas,	406 47	
Oil,	350 51	
Sundries,	978 75	
		20,860 91
Repairs and improvements : —		
Brick,	$532 15	
Cement, lime and plaster,	794 94	
Doors, sashes, etc.,	573 64	
Electrical work and supplies,	3,306 99	
Hardware,	1,217 57	
Lumber,	2,672 71	
Machinery, etc.,	262 19	
Paints, oil, glass, etc.,	2,912 41	
Plumbing, steam fitting and supplies,	2,703 13	
Roofing and materials,	632 51	
Sundries,	4,688 82	
		20,297 06
Farm, stable and grounds : —		
Blacksmith and supplies,	$1,158 03	
Carriages, wagons, etc., and repairs,	1,455 90	
Fertilizers, vines, seeds, etc.,	968 45	
Hay, grain, etc.,	11,131 91	
Harnesses and repairs,	429 89	
Horses,	1,258 50	
Cows,	1,957 50	
Other live stock,	233 50	
Rent,	305 00	
Tools, farm machines, etc.,	639 73	
Sundries,	1,249 92	
		20,788 33
Miscellaneous : —		
Books, periodicals, etc.,	$469 62	
Chapel services and entertainments,	573 65	
Freight, expressage and transportation,	1,650 83	
Amounts carried forward,	$2,694 10	$277,968 86

Amounts brought forward,	$2,694 10	$277,968 86
Miscellaneous — *Con.*		
Funeral expenses,	219 00	
Gratuities,	38 70	
Hose, etc.,	50 42	
Medicines and hospital supplies,	1,876 44	
Medical attendance, nurses, etc. (extra),	355 41	
Postage,	370 40	
Printing and printing supplies,	301 47	
Printing annual report,	267 29	
Return of runaways,	128 74	
Soap and laundry supplies,	2,982 59	
Stationery and office supplies,	1,156 59	
School books and school supplies,	100 82	
Travel and expenses (officials),	130 71	
Telephone and telegraph,	268 23	
Tobacco,	1,004 74	
Water,	5,284 86	
Sundries,	1,545 44	
		18,775 95
Total expenses for maintenance,		$296,744 81

Special Appropriations.

Balance Dec. 1, 1908,	$59,195 44
Expended during the year (see statement annexed),	57,080 54
Balance Nov. 30, 1909,	$2,114 90

Resources and Liabilities.

Resources.

Cash on hand,	$8,596 28	
November cash vouchers (paid from advance money),	3,403 72	
Due from treasury of Commonwealth account November, 1909, schedule,	17,816 12	
		$29,816 12

Liabilities.

Schedule of November bills,	$29,816 12

Special Appropriations.

Object.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Alterations in old buildings for bath rooms and workshops.	Acts 1907, chap. 113,	$6,000 00	$1,906 20	$4,084 82	$1,915 18
Construction of iron staircase and elevator, . .	Acts 1907, chap. 113,	7,600 00	6,378 74	7,400 28	199 72
Addition to main building, ...	Acts 1908, chap. 146,	50,000 00	48,795 60	50,000 00	–
		$63,600 00	$57,080 54	$61,485 10	$2,114 90

Respectfully submitted,

ALBERT WOOD,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,
Assistant Supervisor of Accounts.

STATEMENT OF FUNDS.

Patients' Fund.

Balance on hand Nov. 30, 1908,	$4,045 32	
Receipts,	2,284 26	
Interest on bank balance,	106 06	
		$6,435 64
Interest paid to State Treasurer,	$106 06	
Refunded,	2,266 36	
		2,372 42
		$4,063 22

Investment.

Worcester County Institution for Savings,	$2,000 00	
Worcester Five Cents Savings Bank,	1,000 00	
Balance Mechanics National Bank,	850 71	
Cash on hand Dec. 1, 1909,	212 51	
		$4,063 22

Lewis Fund.

Balance on hand Nov. 30, 1908,	$1,350 24	
Income,	55 51	
		$1,405 75
Expended for books, etc.,		71 34
		$1,334 41

Investment.

Chicago, Burlington & Quincy Railroad bond,	$926 36	
Worcester County Institution for Savings,	342 60	
Balance Mechanics National Bank,	65 45	
		$1,334 41

Wheeler Fund.

Balance on hand Nov. 30, 1908,	$5,005 75	
Income,	209 12	
		$5,214 87
Expended for books, etc.,		179 32
		$5,035 55

Investment.

3 shares Worcester National Bank,	$570 00	
American Telephone and Telegraph Company bond,	712 50	
Worcester County Institution for Savings,	1,600 00	
Worcester Five Cents Savings Bank,	1,719 47	
Mechanics Savings Bank,	148 22	
Balance Mechanics National Bank,	285 36	
		$5,035 55

LAWN FUND.

Balance Mechanics Savings Bank, Nov. 30, 1908,	$677 44	
Income,	27 10	
		$704 54
Expended for plants, etc.,		69 36
		$635 18

Investment.

Mechanics Savings Bank,	$635 18

MANSON FUND.

Balance in Worcester County Institution for Savings, Nov. 30, 1908,	$1,418 53	
Income,	57 28	
		$1,475 81
Expended,		30 00
		$1,445 81

Investment.

Worcester County Institution for Savings,	$1,445 81

Respectfully submitted,

ALBERT WOOD,
Treasurer of Corporation.

Nov. 30, 1909.

WORCESTER, MASS., Dec. 14, 1909.

I hereby certify that I have this day compared the treasurer's statement of funds for the year ending Nov. 30, 1909, with the books kept at the Worcester State Hospital, and find it correct. I have also inspected the securities representing the investments and find their value is as stated.

GEO. L. CLARK,
Auditor of Accounts.

STATISTICAL TABLES.

[Form prescribed by State Board of Insanity.]

1. — *General Statistics of the Year.*

	Insane.			Dipsomaniac or Inebriate.			Aggregates.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the house Oct. 1, 1908,	606	604	1,210	–	6	6	606	610	1,216
Admitted within the year,	291	282	573	–	17	17	291	299	590
Viz.: by commitment,[1]	249	232	481	–	14	14	249	246	495
by transfer,	2	11	13	–	–	–	2	11	13
from visit,[2]	25	39	64	–	1	1	25	40	65
from escape,[2]	15	–	15	–	2	2	15	2	17
Whole number of cases within the year,	897	886	1,783	–	23	23	897	909	1,806
Dismissed within the year,	239	270	509	–	12	12	239	282	521
Viz.: Discharged,	92	97	189	–	10	10	92	107	199
as recovered at time of leaving hospital,	20	29	49	–	10	10	20	39	59
as capable of self-support,	28	22	50	–	–	–	28	22	50
as improved,	8	19	27	–	–	–	8	19	27
as not improved,	35	25	60	–	–	–	35	25	60
as not insane,	1	2	3	–	–	–	1	2	3
Died,	96	76	172	–	1	1	96	77	173
Transferred,	16	62	78	–	–	–	16	62	78
Escaped,	8	2	10	–	1	1	8	3	11
On visit Oct. 1, 1909,	27	33	60	–	–	–	27	33	60
Patients remaining Sept. 30, 1909,	658	616	1,274	–	11	11	658	627	1,285
Viz.: supported as State patients,	560	453	1,013	–	11	11	560	464	1,024
as private patients,	54	103	157	–	–	–	54	103	157
as reimbursing patients,	44	60	104	–	–	–	44	60	104
Number of different persons within the year,	860	847	1,707	–	19	19	860	866	1,726
Number of different persons admitted,	254	246	500	–	14	14	254	260	514
Number of different persons admitted by commitment,	248	232	480	–	14	14	248	246	494
Number of different persons dismissed,	203	234	437	–	9	9	203	243	446
Number of different persons recovered,	20	29	49	–	10	10	20	39	59
Number of different persons discharged capable of self-support,	28	22	50	–	–	–	28	22	50
Daily average number of patients,	628.05	593.14	1,221.19	–	11.26	11.26	628.05	604.40	1,232.45
Viz.: State patients,	528.99	428.18	957.17	–	6.19	6.19	528.99	434.37	963.36
town patients,	–	–	–	–	3.84	3.84	–	3.84	3.84
private patients,	55.32	106.03	161.35	–	1.23	1.23	55.32	107.26	162.58
reimbursing patients,	43.74	58.93	102.67	–	–	–	43.74	58.93	102.67

[1] Three persons committed as insane found to be sane.
[2] Nominally admitted for discharge: from visit: 24 men, 37 women, total, 61 patients; from escape: 12 men, 2 women, total, 14 patients.

2. — Insane received on First and Subsequent Commitment.

NUMBER OF THE COMMITMENT.	Cases committed.		
	Males.	Females.	Totals.
First to this hospital,	221	198	419
Second to this hospital,	19	20	39
Third to this hospital,	4	5	9
Fourth to this hospital,	3	6	9
Fifth to this hospital,	2	–	2
Seventh to this hospital,	–	1	1
Eighth to this hospital,	–	1	1
Tenth to this hospital,	–	1	1
Total cases,	249	232	481
Total persons,	248	232	480
Never before in any hospital for the insane,	202	181	383

3. — Nativity and Parentage of Insane Persons first admitted to Any Hospital.

PLACES OF NATIVITY.	Males.			Females.			Totals.		
	Patient.	Father.	Mother.	Patient.	Father.	Mother.	Patient.	Father.	Mother.
Massachusetts,	86	37	39	58	19	25	144	56	64
Other New England States,	19	19	22	20	17	15	39	36	37
Other States,	12	6	6	14	12	13	26	18	19
Total native,	117	62	67	92	48	53	209	110	120
Other countries: —									
Armenia,	1	–	–	2	2	2	3	2	2
Austria,	–	–	–	1	1	1	1	1	1
Canada,	12	19	17	5	11	13	17	30	30
Cape Breton,	–	–	–	1	1	1	1	1	1
Denmark,	2	2	2	–	–	–	2	2	2
England,	7	11	8	5	8	7	12	19	15
Finland,	4	4	4	5	5	5	9	9	9
France,	–	1	–	1	–	–	1	1	–
Germany,	1	2	1	5	5	5	6	7	6
Ireland,	26	49	50	36	59	55	62	108	105
Italy,	4	4	4	4	4	4	8	8	8
New Brunswick,	2	3	2	4	1	1	6	4	3
Newfoundland,	1	1	1	1	1	1	2	2	2
Norway,	1	1	1	–	1	–	1	2	1
Nova Scotia,	2	4	5	3	2	1	5	6	6
Prince Edward Island,	–	–	–	–	1	1	–	1	1
Russia,	9	10	9	6	6	6	15	16	15
Scotland,	4	5	6	2	3	3	6	8	9
Spain,	–	–	1	–	–	–	–	–	1
Sweden,	6	7	8	6	7	7	12	14	15
Turkey,	–	1	1	–	–	–	–	1	1
West Indies,	1	1	1	–	–	–	1	1	1
Total foreign,	83	125	121	87	118	113	170	243	234
Unknown,	2	15	14	2	15	15	4	30	29
Totals,	202	202	202	181	181	181	383	383	383

4.— Residence of Insane Persons admitted by Commitment.

PLACES.	First Admitted to Any Hospital.			Other Admissions.			Totals.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Massachusetts (by counties): —									
Berkshire,	1	–	1	–	–	–	1	–	1
Essex,	–	–	–	1	–	1	1	–	1
Hampden,	1	–	1	–	–	–	1	–	1
Middlesex,	42	45	87	11	13	24	53	58	111
Norfolk,	4	3	7	–	–	–	4	3	7
Suffolk,	54	37	91	7	7	14	61	44	105
Worcester,	100	96	196	27	31	58	127	127	254
Totals,	202	181	383	46	51	97	248	232	480
Cities or large towns (10,000 or over),	167	144	311	33	37	70	200	181	381
Country districts (under 10,000),	35	37	72	13	14	27	48	51	99

Three patients committed as insane found to be sane.

5. — Civil Condition of Insane Persons first admitted to Any Hospital.

	Males.	Females.	Totals.
Unmarried,	75	71	146
Married,	96	73	169
Widowed,	25	33	58
Divorced,	4	4	8
Totals,	200	181	381
Unknown,	2	–	2
Totals,	202	181	383

6. — Occupation of Insane Persons first admitted to Any Hospital.

FEMALES.

Cook,	1	Operatives,	11
Domestics,	33	Teachers,	2
Housekeepers,	18	Waitress,	1
Housewives,	58	No occupation,	43
Laundresses,	4		
Milliner,	1	Total,	178
Missionary,	1	Unknown,	3
Musician,	1		
Nurses,	3	Total,	181
Nun,	1		

MALES.

Baker,	1	Organ tuner,	1
Barber,	1	Overseer,	1
Bartender,	1	Painters,	6
Beamer,	1	Peddlers,	2
Blacksmith,	1	Photographer,	1
Cabinet makers,	2	Physician,	1
Captain and pilot,	1	Plumbers,	2
Carpenters,	3	Policeman,	1
Carriage makers,	2	Printers,	3
Caterer,	1	Rag dealer,	1
Chiropodist,	1	Railroad conductor,	1
Cigar maker,	1	Seaman,	1
Clerks,	7	Ship caulker,	1
Cooper,	1	Shoemakers,	4
Engineer,	1	Storekeepers,	3
Farmers,	12	Student,	1
Harness maker,	1	Tailors,	3
Horse trainer,	1	Teamsters,	3
Ice dealer,	1	Upholsterer,	1
Journalist,	1	Waiters,	3
Laborers,	46	Watchman,	1
Lawyer,	1	Wood dealer,	1
Machinists,	7	Woodworker,	1
Meat cutter,	1	No occupation,	39
Mechanics,	2		
Milk dealer,	1	Total,	199
Motorman,	1	Unknown,	3
Moulder,	1		
Operatives,	16	Total,	202

7.— Ages of Insane at First Attack, Admission and Death.

AGES.	First admitted to Any Hospital.						Died.					
	at first attack.			when admitted.			at first attack.			at time of death.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	13	16	29	–	–	–	–	1	1	–	–	–
15 years and less,	1	3	4	1	1	2	–	2	2	–	–	–
From 15 to 20 years,	9	4	13	13	6	19	1	–	1	1	–	1
20 to 25 years,	14	19	33	18	24	42	3	3	6	–	1	1
25 to 30 years,	18	17	35	16	24	40	3	9	12	–	6	6
30 to 35 years,	18	20	38	19	19	38	9	8	17	7	6	13
35 to 40 years,	17	15	32	16	21	37	9	3	12	8	5	13
40 to 50 years,	33	29	62	38	39	77	11	6	17	8	7	15
50 to 60 years,	34	13	47	35	8	43	26	12	38	24	11	35
60 to 70 years,	16	16	32	18	21	39	17	23	40	29	20	49
70 to 80 years,	15	11	26	20	10	30	14	6	20	15	14	29
Over 80 years,	1	2	3	6	6	12	2	3	5	4	6	10
Totals,	189	165	354	200	179	379	95	76	171	96	76	172
Unknown,	13	14	27	1	–	1	1	–	1	–	–	–
Not insane,	–	2	2	1	2	3	–	–	–	–	–	–
Totals,	202	181	383	202	181	383	96	76	172	96	76	172
Mean known ages (in years),	52.9	40.2	41.3	44.4	41.0	43.3	51.6	49.8	51.1	57.6	57.3	57.4

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

EXCITING CAUSES.	Admitted.			Predisposing Causes.								
				Hereditary Tendency.			Neurotic Tendency.			Alcoholic Intemperance.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Physical.												
Alcohol,	39	7	46	5	–	5	15	3	18	39	7	46
Alcohol and other causes,	10	1	11	–	–	–	2	1	3	10	1	11
Arteriosclerosis and other causes,	2	–	2	1	–	1	2	–	2	–	–	–
Childbirth,	–	4	4	–	1	1	–	2	2	–	–	–
Childbirth and other causes,	–	2	2	–	–	–	–	1	1	–	–	–
Congenital,	6	12	18	1	1	2	1	6	7	–	–	–
Constitutional predisposition,	25	9	34	11	1	12	13	4	17	8	–	8
Epilepsy,	2	4	6	1	–	1	1	3	4	–	–	–
Epilepsy and other causes,	2	2	4	1	–	1	1	2	3	–	–	–
Exhaustion,	2	–	2	–	–	–	–	–	–	–	–	–
Heredity,	9	19	28	9	19	28	6	15	21	2	–	2
Heredity and other causes,	5	–	5	5	–	5	3	–	3	1	–	1
Ill health,	4	14	18	1	3	4	3	5	8	2	–	2
Ill health and other causes,	6	4	10	2	–	2	3	1	4	–	–	–
Involution,	2	4	6	–	3	3	–	3	3	–	–	–
Involution and other causes,	1	2	3	1	1	2	–	1	1	–	–	–
Lead poisoning,	4	–	4	2	–	2	3	–	3	1	–	1
Organic brain disease,	12	6	18	1	–	1	11	3	14	–	–	–
Organic brain disease and other causes,	5	–	5	–	–	–	2	–	2	1	–	1
Overwork,	–	4	4	–	–	–	–	1	1	–	–	–

Overwork and other causes,	1	2	3	–	–	–	–	1	1	–	–	–
Senility,	9	12	21	2	1	3	6	1	7	4	–	4
Senility and other causes,	19	15	34	2	–	2	7	3	10	1	–	1
Syphilis,	13	5	18	1	1	2	7	2	9	2	–	2
Syphilis and other causes,	1	–	1	–	–	–	–	–	–	–	–	–
Trauma,	4	–	4	1	–	1	1	–	1	–	–	–
Trauma and other causes,	3	–	3	–	–	–	–	–	–	2	–	2
Mental.												
Disappointment in love,	–	2	2	–	1	1	–	2	2	–	1	1
Financial troubles,	2	–	2	2	–	2	2	–	2	–	–	–
Grief,	–	3	3	–	–	–	–	2	2	–	–	–
Worry,	1	6	7	–	1	1	–	1	1	–	–	–
Worry and other causes,	2	8	10	–	–	–	1	3	4	–	–	–
Totals,	191	147	338	49	33	82	90	66	156	73	9	82
Unknown,	11	32	43	–	–	–	3	5	8	–	–	–
Not insane,	–	2	2	–	–	–	–	–	–	–	–	–
Totals,	202	181	383	49	33	82	93	71	164	73	9	82

9. — Probable Duration of Mental Disease before Admission.

PREVIOUS DURATION.	First admitted to Any Hospital.		
	Males.	Females.	Totals.
Congenital,	13	16	29
Under 1 month,	41	35	76
From 1 to 3 months,	25	21	46
3 to 6 months,	18	19	37
6 to 12 months,	14	11	25
1 to 2 years,	21	15	36
2 to 5 years,	29	25	54
5 to 10 years,	18	13	31
10 to 20 years,	7	8	15
Over 20 years,	3	2	5
Totals,	189	165	354
Unknown,	13	14	27
Not insane,	–	2	2
Totals,	202	181	383
Average known duration (in years),	3.8	4.5	4.2

10. — Form of Mental Disease in Patients committed, discharged, with Condition on Discharge, or died.

FORM OF DISEASE.	Committed.			Discharged.																		Total Discharges and Deaths.		
				Recovered.			Capable of Self-Support.			Improved.			Not Improved.			Not Insane.			Deaths.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
A. — First admitted to any hospital: —																								
Acute hallucinosis,	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Alcoholic insanity, acute: —																								
Alcoholic depression,	4	–	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Alcoholic hallucinosis,	9	4	13	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3
Delirium tremens,	5	–	5	5	–	5	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	6	–	6
Alcoholic insanity, chronic: —																								
Alcoholic deterioration,	4	1	5	–	–	–	4	–	4	–	–	–	2	–	2	–	–	–	–	–	–	6	–	6
Alcoholic hallucinosis,	3	–	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
Alcoholic paranoic condition,	10	2	12	–	–	–	1	–	1	–	–	–	1	2	3	–	–	–	1	–	1	3	2	5
Polyneuritic psychosis,	2	–	2	–	–	–	2	1	3	–	–	–	–	–	–	–	–	–	2	–	2	4	1	5
Chorea insaniens,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Constitutional inferiority,	3	14	17	–	–	–	–	1	1	–	–	–	1	3	4	–	–	–	–	–	–	1	4	5
Delirium, acute,	3	2	5	3	–	3	1	–	1	–	–	–	–	–	–	–	–	–	–	2	2	4	2	6
Dementia præcox,	40	58	98	–	–	–	3	3	6	1	4	5	19	12	31	–	–	–	3	4	7	26	23	49
Epileptic insanity,	5	6	11	–	–	–	3	1	4	–	–	–	–	1	1	–	–	–	4	1	5	7	3	10
Exhaustion psychosis,	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
General paralysis of the insane,	29	9	38	–	–	–	–	1	1	3	–	3	2	2	4	–	–	–	26	11	37	31	14	45
Hysterical insanity,	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Imbecility,	10	2	12	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–	1	1	2
Involution psychosis,	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Manic depressive insanity: —																								
Circular form,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Depressed form,	6	10	16	1	9	10	3	4	7	–	2	2	–	–	–	–	–	–	–	2	2	4	17	21
Manic form,	7	14	21	2	5	7	1	2	3	–	2	2	–	–	–	–	–	–	–	3	3	3	12	15
Melancholia, involution,	7	6	13	–	–	–	–	2	2	1	2	3	1	–	1	–	–	–	5	4	9	7	8	15
Melancholia, senile,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	1	1	2
Organic dementia,	17	6	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15	7	22	15	7	22
Paranoic condition,	8	14	22	–	–	–	4	2	6	1	1	2	2	–	2	–	–	–	–	4	4	7	7	14
Paranoic condition, senile,	5	1	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile dementia,	21	24	45	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–	23	22	45	24	24	48
Toxic insanity, acute: —																								
Delirium,	2	1	3	1	–	1	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	3	–	3
Traumatic insanity,	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Not insane,	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	2	2
Totals,	202	181	383	15	17	32	23	18	41	8	14	22	30	21	51	–	2	2	81	63	144	157	135	292

10. — Form of Mental Disease in Patients committed, discharged, with Condition on Discharge, or died — Concluded.

Form of Disease.	Committed.			Discharged. Recovered.			Capable of Self-Support.			Improved.			Not Improved.			Not Insane.			Deaths.			Total Discharges and Deaths.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
B. — Other admissions: —																								
Alcoholic insanity, acute: —																								
Alcoholic hallucinosis,	3	–	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Delirium tremens,	4	–	4	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
Alcoholic insanity, chronic: —																								
Alcoholic deterioration,	–	2	2	–	–	–	2	–	2	–	1	1	–	–	–	–	–	–	1	–	1	3	1	4
Alcoholic hallucinosis,	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1
Alcoholic paranoic condition,	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
Constitutional inferiority,	–	2	2	–	–	–	–	–	–	–	2	2	1	–	1	–	–	–	–	1	1	1	3	4
Dementia præcox,	19	16	35	–	–	–	2	–	2	–	–	–	2	2	4	–	–	–	3	2	5	7	4	11
Epileptic insanity,	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	2	3	2	2	4
General paralysis of the insane,	5	2	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	4	4	–	4
Imbecility,	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive insanity: —																								
Circular form,	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Depressed form,	3	3	6	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–	2	–	2	2	4	6
Manic form,	4	9	13	3	8	11	–	1	1	–	1	1	–	2	2	–	–	–	–	1	1	3	13	16
Mixed form,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Melancholia, involution,	–	2	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	2	2
Melancholia, senile,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
Organic dementia,	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3	1	2	3
Paranoic condition,	–	6	6	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	1	1	1	2	3
Paranoic condition, senile,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile dementia,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	3	4	1	3	4
Not insane,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
Totals,	47	51	98	5	12	17	5	4	9	–	5	5	5	4	9	1	–	1	15	13	28	31	38	69
Aggregate persons,	248	232	480	20	29	49	28	22	50	8	19	27	35	25	60	1	2	3	96	76	172	188	173	361
Aggregate cases,	249	232	481	20	29	49	28	22	50	8	19	27	35	25	60	1	2	3	96	76	172	188	173	361

11. — Discharges of the Insane, classified by Admission and Result.

NUMBER OF THE ADMISSION.	Recovered.			Capable of Self-support.			Improved.			Not Improved.			Not Insane.			Died.			Aggregates.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, .	16	19	35	24	19	43	8	15	23	33	24	57	–	2	2	86	66	152	167	145	312
Second to this hospital, .	1	4	5	3	3	6	–	3	3	2	1	3	–	–	–	8	7	15	14	18	32
Third to this hospital, .	2	3	5	1	–	1	–	–	–	–	–	–	1	–	1	–	2	2	4	5	9
Fourth to this hospital, .	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	2	1	3
Fifth to this hospital, .	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	2	2
Sixth to this hospital, .	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Ninth to this hospital, .	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	1	2
Total cases, . .	20	29	49	28	22	50	8	19	27	35	25	60	1	2	3	96	76	172	188	173	361
Total persons, . .	20	29	49	28	22	50	8	19	27	35	25	60	1	2	3	96	76	172	188	173	361
First admitted to any hospital, ...	15	17	32	23	18	41	8	14	22	30	21	51	–	2	2	81	63	144	157	135	292

12. — Causes of Death, and Form of Mental Disease in Persons who died.

CAUSES OF DEATH.	Aggregates.			General Paralysis.			Senile Dementia.			Organic Dementia.			Epileptic Insanity.			Paranoic Condition.			Dementia Præcox.			Involution Melancholia.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
I. General diseases: —																								
Exhaustion,	3	7	10	–	–	–	–	–	–	1	4	5	–	–	–	–	–	–	1	–	1	1	1	2
Exhaustion from delirium,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exhaustion from general paralysis,	9	7	16	9	7	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gangrene of leg,	2	–	2	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Miliary tuberculosis,	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Septicæmia,	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Diseases of the nervous system: —																								
Acute meningitis,	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic cerebro-spinal meningitis,	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage,	12	7	19	4	–	4	3	4	7	4	2	6	–	–	–	–	–	–	–	1	1	–	–	–
Cerebral thrombosis,	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Status epilepticus,	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
III. Diseases of the circulatory system: —																								
Acute dilatation of heart,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Arteriosclerosis,	11	2	13	–	–	–	8	1	9	2	1	3	1	–	1	–	–	–	–	–	–	–	–	–
Acute endocarditis,	1	1	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Myocarditis,	2	1	3	–	–	–	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Myocarditis and nephritis,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Organic heart disease,	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Chronic adhesive pericarditis,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Valvular heart disease,	6	19	25	2	2	4	1	12	13	1	1	2	–	–	–	–	2	2	–	–	–	1	1	2
IV. Diseases of the respiratory system: —																								
Broncho pneumonia,	5	–	5	1	–	1	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Broncho pneumonia and acute cholecystitis,	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hypostatic pneumonia,	3	1	4	2	–	2	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Lobar pneumonia,	10	6	16	3	–	3	3	4	7	1	1	2	1	–	1	–	–	–	1	–	1	1	1	2
Tubercular pneumonia with sepsis,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Pulmonary tuberculosis,	7	4	11	2	–	2	1	–	1	1	–	1	–	–	–	–	1	1	1	2	3	1	–	1
Pulmonary œdema,	3	1	4	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–
Empyema,	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pyo-pneumo-thorax,	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
V. Diseases of the digestive system: —																									
Carcinoma of intestines,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Colitis,	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Hemorrhagic ileo-colitis,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dysentery,	1	2	3	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Acute hemorrhagic enteritis,	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gastro-enteritis,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Acute peritonitis,	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis from perforation of gastric ulcer,	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis from appendicitis,	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis from rupture of chronic duodenal ulcer,	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VI. Diseases of the genito-urinary system: —																									
Acute interstitial nephritis,	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic interstitial nephritis,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetic coma,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
VII. Violence: —																									
Accidental drowning in syncope,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Asphyxia during epileptic seizure,	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Asphyxia from vomitus,	2	–	2	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Suicide by drowning,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Totals,	96	76	172	30	11	41	24	25	49	16	9	25	5	3	8	–	5	5	6	6	12	5	5	10

12. — Causes of Death, and Form of Mental Disease in Persons who died — Concluded.

CAUSES OF DEATH.	Senile Melancholia.			Acute Delirium.			Manic-depressive Insanity.			Alcoholic Insanity, Acute.			Alcoholic Insanity, Chronic.			Constitutional Inferiority.			Chorea Insaniens.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
I. General diseases: —																					
Exhaustion,	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Exhaustion from delirium,	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1
Exhaustion from general paralysis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gangrene of leg,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Miliary tuberculosis,	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Septicæmia,	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
II. Diseases of the nervous system: —																					
Acute meningitis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic cerebro-spinal meningitis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage,	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral thrombosis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Status epilepticus,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
III. Diseases of the circulatory system: —																					
Acute dilatation of heart,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arteriosclerosis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Acute endocarditis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Myocarditis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Myocarditis and nephritis,	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Organic heart disease,	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Chronic adhesive pericarditis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Valvular heart disease,	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
IV. Diseases of the respiratory system: —																					
Broncho pneumonia,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Broncho pneumonia and acute cholecystitis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hypostatic pneumonia,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lobar pneumonia,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tubercular pneumonia with sepsis,	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Pulmonary tuberculosis,	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary œdema,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Empyema,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pyo-pneumo-thorax,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
V. Diseases of the digestive system: —																					
Carcinoma of intestines,	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Colitis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hemorrhagic ileo-colitis,	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Dysentery,	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Acute hemorrhagic enteritis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gastro-enteritis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Acute peritonitis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis from perforation of gastric ulcer,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis from appendicitis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis from rupture of chronic duodenal ulcer,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VI. Diseases of the genito-urinary system: —																					
Acute interstitial nephritis,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic interstitial nephritis,	–	–	–	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Diabetic coma,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VII. Violence: —																					
Accidental drowning in syncope,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Asphyxia during epileptic seizure,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Asphyxia from vomitus,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Suicide by drowning,	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Totals,	2	1	3	–	2	2	2	7	9	1	–	1	5	–	5	–	1	1	–	1	1

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	First admitted to Any Hospital.									All Other Admissions.					
	Duration before admission.			Hospital residence.			Whole duration.			Whole known period of mental disease.			Whole known period of hospital residence.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —															
Under 1 month,	9	7	16	–	1	1	–	1	1	–	–	–	–	–	–
From 1 to 3 months,	3	6	9	6	2	8	5	–	5	–	–	–	–	–	–
3 to 6 months,	–	1	1	7	5	12	6	4	10	–	–	–	1	–	1
6 to 12 months,	1	2	3	2	6	8	2	6	8	3	4	7	4	6	10
1 to 2 years,	–	–	–	–	3	3	–	5	5	2	4	6	–	2	2
2 to 5 years,	–	1	1	–	–	–	–	1	1	–	3	3	–	4	4
5 to 10 years,	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
10 to 20 years,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Over 20 years,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Totals,	13	17	30	15	17	32	13	17	30	5	12	17	5	12	17
Unknown,	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–
Totals,	15	17	32	15	17	32	15	17	32	5	12	17	5	12	17
Average of known cases (in months),	.94	3.2	2.1	3.66	6.9	5.3	3.71	10.1	7.3	10.41	23.6	19.6	7.42	18.3	15.0

B. — Died: —															
Under 1 month,	11	14	25	22	18	40	3	3	6	–	–	–	–	–	–
From 1 to 3 months,	10	9	19	7	7	14	1	7	8	–	–	–	–	–	–
3 to 6 months,	8	9	17	12	6	18	6	6	12	–	–	–	–	1	1
6 to 12 months,	7	4	11	14	7	21	6	4	10	1	–	1	3	3	6
1 to 2 years,	16	10	26	10	9	19	15	10	25	2	1	3	4	2	6
2 to 5 years,	16	10	26	7	6	13	28	16	44	4	1	5	3	4	7
5 to 10 years,	8	2	10	5	9	14	11	7	18	2	2	4	4	–	4
10 to 20 years,	2	2	4	3	1	4	6	5	11	2	4	6	1	2	3
Over 20 years,	–	2	2	1	–	1	2	4	6	4	5	9	–	1	1
Totals,	78	62	140	81	63	144	78	62	140	15	13	28	15	13	28
Unknown,	3	1	4	–	–	–	3	1	4	–	–	–	–	–	–
Totals,	81	63	144	81	63	144	81	63	144	15	13	28	15	13	28
Average of known cases (in months),	24.2	35.2	29.0	24.9	22.6	24.0	50.0	61.3	53.6	138.5	246.5	188.6	53.0	80.4	65.6